

## TRANSFER COURSE GUIDELINES

<b>SCHOOL</b> <b>Thomas Jefferson University</b>	<b>MAJOR</b> <b>Bioscience Technologies (includes Biotechnology/Molecular Sciences, Cytotechnology/Cell Sciences, Medical Technology/Clinical Laboratory Sciences)</b>
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Students must complete 55 semester hours of pre-professional courses at other institutions. Academic courses with a grade of 'C' or above, CLEP, and ACT-PEP credits are acceptable for transfer. Not all courses need to be completed at the time of application, but must be completed before the start of the program. CCP has signed an affiliate agreement with TJU. The affiliate agreement states that if a student completes all prerequisite courses with at least a **2.7** cumulative grade point average, and submits **two** letters of recommendation (one from a personal, professional or academic source and one from Dr. Mary Anne Celenza, Dean for Math, Science and Health Careers at CCP, ((215) 751-8431, Rm. W2-7), the student is admitted to TJU provided that there is space in the program. Before the dean makes a recommendation, a student must be in the final stages of completing the program prerequisites and must arrange an interview with Dr. Celenza. At the interview, a student should provide to Dr. Celenza a brief written biographical summary or resume. Even though the minimum GPA required is 2.7, TJU recommends at least a 3.0, and the dean must agree that the student is qualified for admission to TJU. Students with disciplinary or criminal records are excluded from a guarantee of admission. Students are recommended to apply to Jefferson early in the Spring term that precedes the desired Fall term of enrollment at TJU.

Biotechnologists apply biological principles to solve problems in health care and the manufacture of pharmaceutical products. Biotechnologists work in medical centers and commercial industry. **3+1 and 3 + 2 OPTIONS ARE AVAILABLE.** The 3+1 option allows students with three or four full-time years of college (70 credits) to earn the bachelor of science by completing a fourth or fifth year in the professional program. The 3 + 2 option is for students with at least 82 credits earned. Students in this option earn a combined BS/MS. See Jefferson Advising Manual for full list of options. No specific courses are required in addition to those listed below. Science courses designed for science majors are recommended to complete elective credit.

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	2+2 BS Program credits	3+1 BS Program credits	3+2 Entry-Level BS/MS Program credits	Accelerated Professional MS Program credits (for students with earned bachelor degree)
Biological or Chemical Sciences- <b>BIOL 106, 109, 110, CHEM 121-122</b> (Students should complete CHEM 121-122. Courses are prerequisite to organic chem. Below)	16	16	20	20
Organic Chemistry- <b>CHEM 221</b>	4	4	4	4
College Algebra, Trigonometry, Precalculus, Calculus or Statistics - <b>MATH 118, 161, 162, 171, 172, 271, 251, ECON 112</b>	3	3	3	3
English - <b>ENGL 101 and 102, 104, 106 or 112</b>	6	6	6	6
Electives	26	41	49	N/A
<b>Total</b>	<b>55</b>	<b>70</b>	<b>82</b>	<b>33</b>

Counselors at CCP: Todd Jones, 215-751-8177, [tjones@ccp.edu](mailto:tjones@ccp.edu); Shawnya Bryant, 215-751-8176, [sbryant@ccp.edu](mailto:sbryant@ccp.edu), Judy Davidson, 215-751-8174, [jdavidson@ccp.edu](mailto:jdavidson@ccp.edu)      **Updated: July 2007**